

Attachment 1
Joint TVA/USACE Application and Plans

APPLICATION FOR

---, 5 1999

Department of the Army (DA) Permit and/or Tennessee Valley Authority (TVA) Section 26a Approval

The Department of the Army (DA) permit program is authorized by Section 10 of the Rivers and Harbors Act of 1899 and Section 404 of the Clean Water Act (P.L. 95-217). These laws require permits authorizing structures and work in or affecting navigable waters of the United States and the discharge of dredged or fill material into waters of the United States. Section 26a of the Tennessee Valley Authority Act, as amended, prohibits the construction, operation, or maintenance of any structure affecting navigation, flood control, or public lands or reservations across, along, or in the Tennessee River or any of its tributaries until plans for such construction, operation, and maintenance have been submitted to and approved by the Tennessee Valley Authority (TVA). *No Fee*

Name and Address of Applicant

BLUE SPRINGS MARINA
3952 RIVER RD
1EN MILE, TN. 37880

Telephone Number

Home _____

Name, Address, and Title of Authorized Agent

LAWRENCE J. STEUBLE PRES.

Same

Telephone Number

Home _____

Office 423-376-7298

Location where activity exists or will occur (include Stream Name and Mile, if known)

Watts Dam Rec. Tract NO.
XWBR-253 - CANE CREEK Emb.
Opp. TN River M. 15 547.52
MAP NO. 200

Application submitted to

DA ☐ Yes ☐TVA ☐ Yes ☐ No

Date activity is proposed to commence _____

Date activity is proposed to be completed _____

Describe in detail the proposed activity, its purpose and intended use (private, public, commercial, or other). Describe structures to be erected including those placed on fills, piles, or floating platforms. Also describe the type, composition, and quantity of materials to be discharged or placed in the water, the means of conveyance; and the source of discharge or fill material. Please attach additional sheets if needed.

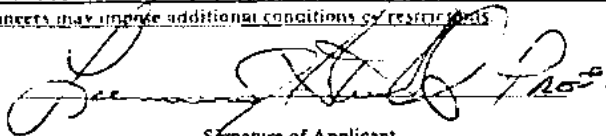
THIS IS A COMMERCIAL REQUEST TO ENLARGE HARBOUR AND THE INSTALLATION OF NEW DOCKS. PLEASE SEE ATTACHED.

Application is hereby made for approval of the activities described herein. I certify that I am familiar with the information contained in this application, and that to the best of my knowledge and belief such information is true, complete, and accurate. I further certify that I possess the authority to undertake the proposed activities. I agree that, if this application is approved by TVA, I will comply with the attached terms and conditions and any special conditions that may be imposed by TVA at the time of approval. Please note the U.S. Army Corps of Engineers may impose additional conditions or restrictions.

Date

Dec 14, 1999

Signature of Applicant



18 U.S.C. Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of The United States knowingly and willfully falsifies, conceals, or covers up by any trick, scheme, or device a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statement or entry, shall be fined not more than \$10,000 or imprisoned not more than five years, or both. The appropriate DA fee will be assessed when a permit is issued.

TENNESSEE VALLEY AUTHORITY APPLICATION FORM LAND USE

S/C 0014CQH

242#99564

Tennessee Valley Authority (TVA) Resource Stewardship receives several hundred requests annually for use of TVA land or landrights. Please fill out this application completely. TVA has implemented a cost recovery system so that those who benefit directly from the use of public lands reimburse TVA for its total cost. The appropriate initial payment or standard fee must be included with your application. You will be billed for any additional costs for those actions that exceed the initial payment. Please see the attached sheet *TVA Land Transaction Fees* for additional information. If you have any questions, please call your local TVA Resource Stewardship Watershed Team.

<p>1. Name and Mailing Address of Applicant: <u>Blue Springs Marina</u> <u>3952 River Road</u> <u>Ten Mile, TN 37880</u></p> <p>Telephone Number: Home _____ Office <u>423-376-7298</u></p>	<p>2. Name, Address, and Title of Authorized Agent: (i.e., builder, engineer.) <i>include a letter confirming your authorization.</i> <u>Lawrence J. Steidle</u></p> <p>Telephone Number: Home _____ Office <u>423-376-7298</u></p>		
<p>3. Location: <i>Attach a location map and a map showing boundaries of TVA land needed.</i> <u>Tract</u> Subdivision: <u>XWBR-253</u></p> <p>Lot Number: _____</p> <p>Reservoir: <u>Watts Bar</u></p> <p>River: <u>TN</u> River Mile <u>547.54</u> <u>Map 200</u></p>	<p>4. Type of Land Use Required: <i>Please call your local TVA Resource Stewardship Watershed Team (WT) listed on page 2 to help us determine the appropriate TVA action needed.</i></p> <table style="width: 100%;"> <tr> <td style="width: 50%;"> Approval by TVA WT: <input type="checkbox"/> Land Use Permit <input checked="" type="checkbox"/> License Agreement <input type="checkbox"/> Sufferance Agreement <i>(Complete page 1 only)</i> </td> <td style="width: 50%;"> Approval by TVA Board: <input type="checkbox"/> Easement <input type="checkbox"/> Deed Modification <input type="checkbox"/> Lease (____ years needed) <input type="checkbox"/> Abandonment <input type="checkbox"/> Land Transfer </td> </tr> </table>	Approval by TVA WT: <input type="checkbox"/> Land Use Permit <input checked="" type="checkbox"/> License Agreement <input type="checkbox"/> Sufferance Agreement <i>(Complete page 1 only)</i>	Approval by TVA Board: <input type="checkbox"/> Easement <input type="checkbox"/> Deed Modification <input type="checkbox"/> Lease (____ years needed) <input type="checkbox"/> Abandonment <input type="checkbox"/> Land Transfer
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5. Proposed Time Schedule for your Project

Start date _____ Projected completion date: _____

Describe your project, its purpose and intended use:
 Describe the proposed development, on or off TVA land. Include a general description of proposed structures to be erected and land disturbance including vegetation removal, fills or excavations. Attach a copy of detailed plans as appropriate.

7. Will federal assistance be used as part of this project? ☐ Yes ☐ No If yes, describe activity and complete Applicant Information Pre-Award Form.

8. Authorization for TVA to process your application:
 Application is hereby made for approval of the land use described herein. I certify that I am familiar with the information contained in this application, and that to the best of my knowledge and belief such information is true, complete, and accurate further certify that I possess the authority to undertake the proposed activities.

PAYMENT TERMS: Payment for Land Transaction Fees and any related costs are due Net 30 days from the date of invoice. On any overdue payment, TVA shall charge interest at the rate payable by TVA under the United States Prompt Payment Act (31 U.S.C. §§3901-3906), from the date payment is due until the date TVA receives payment. Payment of interest shall be due within 30 days after TVA's invoice for such interest is dated. Failure by the Customer to pay all invoices within ninety (90) days after payments are due shall constitute a material breach of this agreement and can result in forfeit of any paid processing fees.

P A

DEC 15 1999

91500

— — —

12-15-99
Date

that the standard fee or initial processing fee is nonrefundable
impose terms and conditions at the time of approval; and that t
quired for the purchase or use of TVA lands.

[Handwritten Signature]

Signature of Applicant

A. Projected cost estimate and funding source (if project is to be completed in phases, please include time schedule and costs for each phase):

B. Number of jobs to be created Near - Term (*including construction*)
Long - Term

1. **NAME** _____
 2. **DATE** _____
 3. **TIME** _____
 4. **LOCATION** _____
 5. **REASON** _____
 6. **REMARKS** _____
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 2

QUESTION

ANSWER

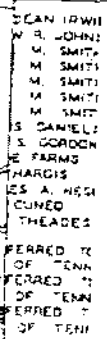
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Issuing Agency	Type Approval	Identification Number	Date of Application	Date of Approval
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☐ No ☐ Yes (If "Yes", attach explanation)

Tennessee Valley Authority

1. This completed application form and a check or money order with Social Security Number on the check made payable to "TVA" for the appropriate land transaction fee.
2. A location map indicating the area of TVA land or landrights affected by the project.
3. Drawing(s) or plan(s) of any proposed construction activity or development which would result if land or landrights are granted.



Information about outstanding interests in
this document may be obtained from the Public Information Office,
~~_____~~

LEGEND

- LOCATION OF FACILITY(IES)

NAME - Blue Springs Marina

TRACT - X-UPR-233

RIVER MILE - TN 347.5 L.

Cane Creek Embayment

ROANE COUNTY, TENNESSEE

RLR 99411

SHEET
20
D

WATTS BAR
RESERVATION

WATTS BAR RESERVOIR
TENNESSEE VALLEY AUTHORITY
MAPS AND SURVEYS BRANCH

1000' C FEET 1000' 200'

D 0.1 MILES B-A 0.3

CHATTANOOGA OCT. 1956 8 143 421B555-D-20

FIELD INSPECTION CHECKLIST

Section 26a and Land Use

<input checked="" type="checkbox"/> On reservoir or regulated stream	TVA Tract No. XWBR-253	Project No. 99411
<input type="checkbox"/> Off reservoir - go to EDR process		
Applicant: Blue Springs Marina		Project Description: Harbor limits expansion, proposed fixed & floating docks & slips, seawall
<input type="checkbox"/> 26a Category I	<input type="checkbox"/> 26a Category II	<input checked="" type="checkbox"/> 26a Category III
<input type="checkbox"/> Minor Land Use		<input type="checkbox"/> Other

- ♦ Has the site been previously reviewed such that the proposed action is environmentally cleared?

☐ Yes; reference document: _____

Date: _____

☐ No; inspect site

For requests that require *environmental concurrence or coordination*, attach D-stage map; portion of quadrangle map (and acquisition map if No. 15, 16 or 17 are marked) and at least 2 site photographs. Maps should show boundaries of proposed work area(s). Photos should include one of impact areas (close up) and one broader view (impact area + site). Indicate date pictures taken and take level. If possible, indicate line of site for pictures using an arrow on the map(s).

SITE COMPATIBILITY (Section 26a reviews only)

1. Will the proposed facility(ies) extend beyond 1/3 of the cove or slough?

☐ yes (modify plans)

☒ no

2. Will the proposed facility(ies) affect existing facility(ies) or any potential future facility(ies) such as in an outlot situation?

☐ yes (modify plans)

☒ no

NAVIGATION (Section 26a reviews only)

3. Will the proposed facility(ies) be located near the following

☒ yes (coord. w/Bob

Buchanan, WT 10C-K)

☐ no

☐ a navigation marker

☐ a light

☐ a safety harbor

☒ shoreline which requires navigation review

harbor limits expansion

If the site needs review by a navigation specialist, indicate any shoreline characteristics that may affect navigation's approval of the facility

☐ rock outcroppings

☐ bank erosion

☐ other _____

TRANSMISSION SYSTEM

4. Is there a TVA transmission line crossing at the site (lot)?

☐ yes (coord. w/Tom

Wojtalik, MR 5K-C)

☒ no

SITE INFORMATION OBSERVATIONS

5. Adjacent/backlying land use:

☐ no development

☐ residential

☐ recreational

☒ commercial

☐ industrial

☐ agricultural

marina

6. Natural shoreline features:

☐ undercut bank

☐ rock outcroppings

☐ height of bank in feet ?

7. Shoreline erosion:

☐ none (stabilized, rock outcrop, bluff)

☒ minimal (adequate vegetative cover, grass/shrub cover)

☐ moderate (<2' vertical bank and/or limited vegetative cover)

☐ severe (>2' vertical bank and/or limited vegetative cover, bank sloughing, rills and gullies)

8. Manmade shoreline features:

☐ riprap

☒ seawall

☐ other _____

9. Topography / percent (%) slope:

☒ gentle / (0-5%)

☐ medium / (6-20%)

☐ steep / (>20%)

10. What is the visible soil type or parent material at or below pool?
- ☒ sand ☒ silt
☒ clay ☒ gravel
☒ rubble or cobble stones
☐ bed rock (solid rock underlying surface material)

11. Indicate vegetation cover on TVA property (S=at shoreline; B=backlying TVA property):

- ☐ bare soil ☐ grass/forb ☐ pine/grass
☐ hardwood/grass ☒ lawn/maintained field ☐ pine/undercover
☐ hardwood/undercover ☐ shrub/grass ☐ pine/cedar
☐ trees fallen into water ☐ shrub/brush ☐ pine/hardwood

commercial operation
Marina

RESOURCE INDICATOR OBSERVATIONS

12. Are any of the following impacted?
- ☐ streams ☐ springs/seeps ☐ yes (coordinate w/1) ☒ no
☐ several submerged stumps ☐ fish attractor (brush pile)
13. Are any of the following observed?
- ☐ caves (endangered bats, etc.) ☐ nests greater than 3' in diameter or several large nests (eagle, osprey) ☐ yes (coordinate w/1) ☒ no
☒ yes (coordinate w/1) ☒ no
14. Are any of the following four conditions present?
- ☐ emergent wetland (cattail, bulrush; i.e., plants in the water along water's edge)
☐ scrub/shrub wetland (buttonbush, black willow, river alder, silky dogwood; i.e., bushes along water's edge)
☐ aquatic bed wetland (watermilfoil, naiads, pondweeds; i.e., plants in the water)
☐ forested wetland (willow, sycamore, silver maple, river birch; i.e., trees along shore)
15. Any of the following observed or on acquisition map (include submerged features)?
 (If yes, provide copy of the appropriate portion of the acquisition map to reviewers)
- ☐ spring ☐ house foundation ☐ barn ☐ roadbed(s)
☐ sinkhole(s) ☐ orchard ☐ outhouse ☐ pumphouse
☐ other
16. Are any structures 50 years old or greater present or visible from impact area? ☐ yes (coordinate w/2) ☒ no
17. Are any archaeological materials observed?
 (Such as flint chips, pot sherds, bones, old mussel shells, bricks, etc.) ☐ yes (coordinate w/2) ☒ no
18. Did ALIS Database check indicate potential to affect protected species? ☐ yes (coordinate w/1) ☒ no

Completed by Resource Stewardship: (if no additional coordination is required, action may be approved without further review)

<input type="checkbox"/> No resource indicators were observed (For 26a Category 1 facilities no further coordination is required) (For 26a Category 2 facilities coordinate with block 1, 2, & 3 below) (For Minor Land Use Permits no further coordination is required)	Project Initiator: Pamela C. Langford	Date: 2/9/00
<input checked="" type="checkbox"/> Some resource indicators were observed (Coordinate below as required for 26a Category 1 facilities) (Coordinate with block 1, 2, & 3 below for 26a Category 2 facilities) (Coordinate below as required for Minor Land Use Permits)	TVA address and telephone: LM 1A-MHH 865-988-2452	

Completed by specialist only if necessary

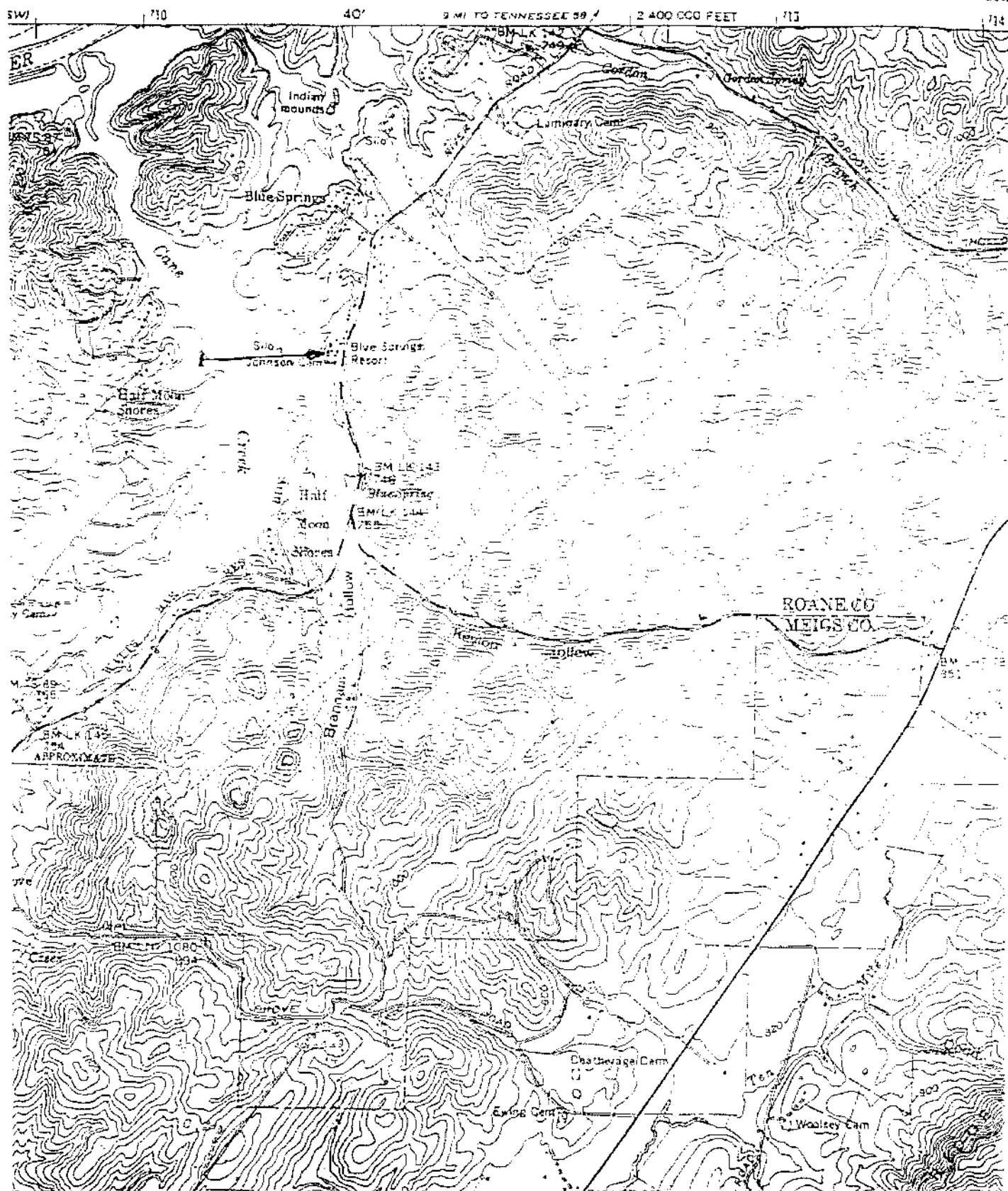
1	<input type="checkbox"/> Concur with approval <input type="checkbox"/> EDR required	Watershed Team Biologist:	Date:
2	<input type="checkbox"/> Concur with approval <input type="checkbox"/> EDR required	Cultural Resources Specialist:	Date:
3	<input type="checkbox"/> Concur with approval <input type="checkbox"/> EDR required	Aquatic Biologist (Category II dredging or if special or unique conditions exist):	Date:

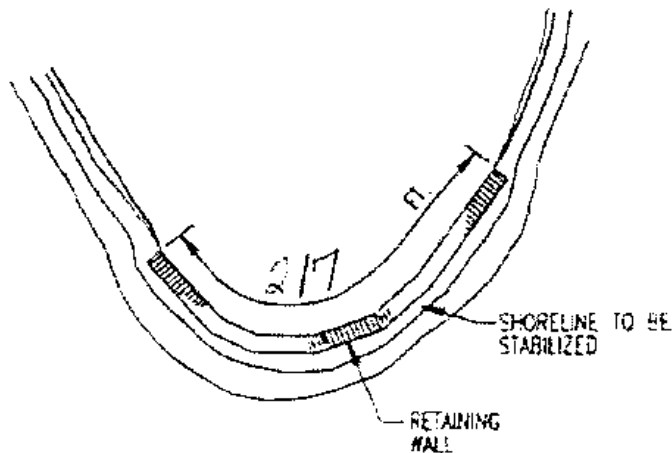
cc: ☐ Draper, Harold M., WT 8C-K
☐ (Environmental Scientist)

Determined to be a Categorical Exclusion in accordance with 5.2 _____ of TVA's NEPA Procedures.

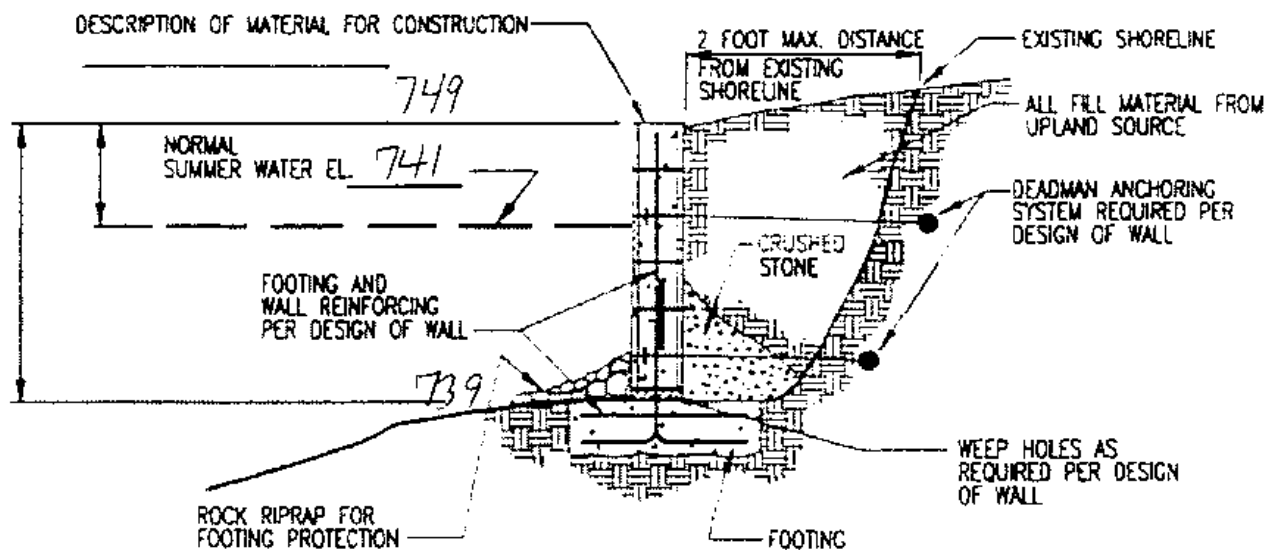
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AUTHORITY
3 BRANCH

124NW TEN MILE QUADRA
TENNESSEE
7.5 MINUTE SERIES (TOPOGR)





PLAN



SECTION THRU WALL

NOTE:
INCLUDE ALL DIMENSIONS AND ELEVATIONS
WHERE INDICATED.

TVA

TYPICAL SHORELINE RETAINING WALL

PROJECT LOCATION INFORMATION:

STREAM NAME TV- Cane Creek

SUBDIVISION NAME _____

RESERVOIR NAME WS

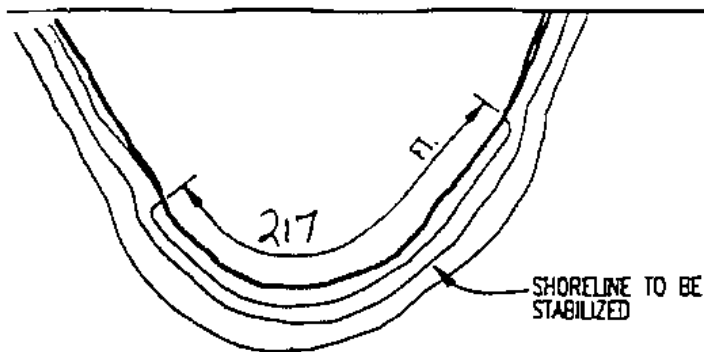
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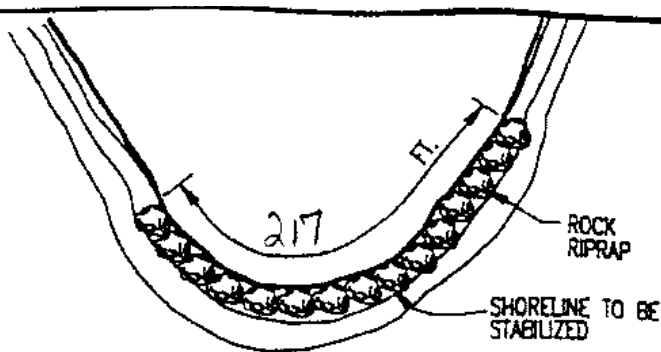
MAP NO. 20D

(APPLICANT'S NAME)

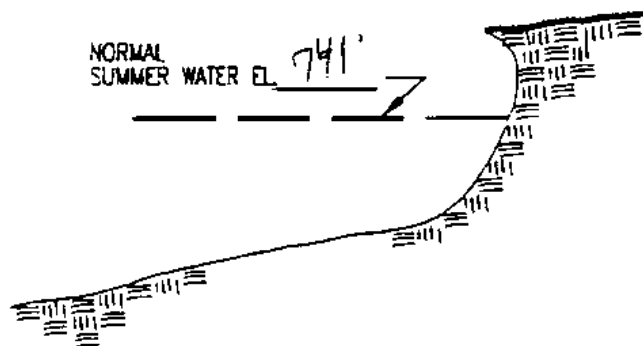
Blue Springs Marina



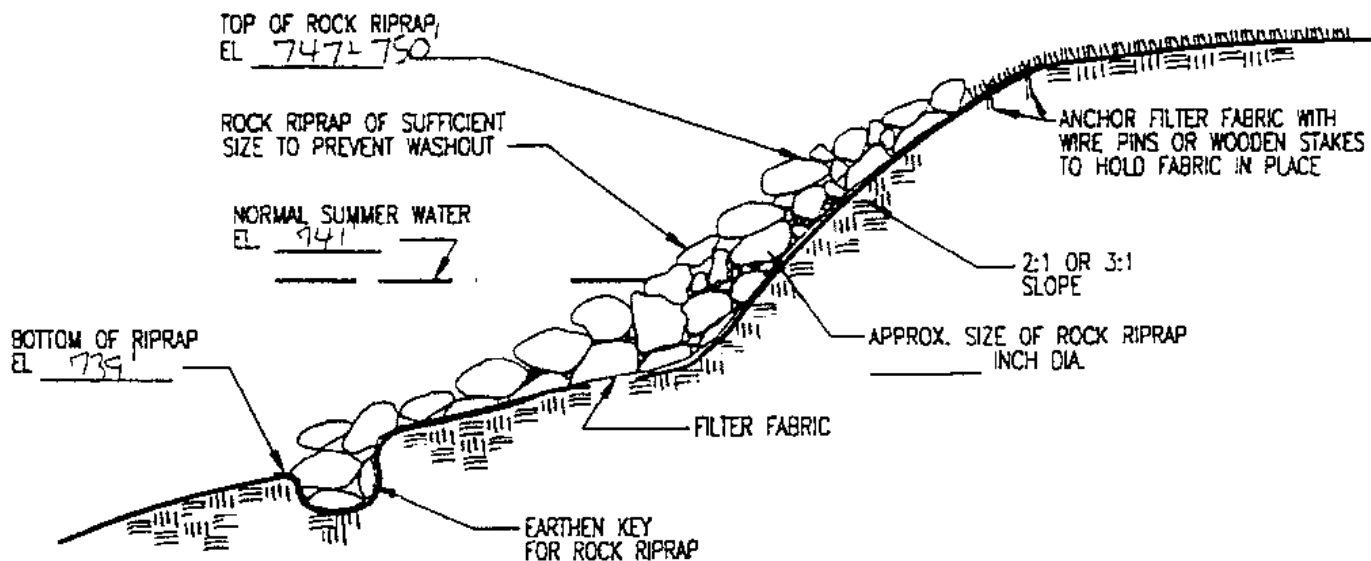
**PLAN SHOWING
EXISTING SHORELINE**



**PLAN SHOWING
STABILIZED SHORELINE**



SECTION SHOWING EXISTING SHORELINE



SECTION SHOWING STABILIZED SHORELINE

THE NORMAL SUMMER WATER LEVEL IS:

NOTE:
INCLUDE ALL DIMENSIONS AND ELEVATIONS
WHERE INDICATED.

TVA	Watershed Team	
	TYPICAL SHORELINE ROCK RIPRAP	
PROJECT LOCATION INFORMATION:		
STREAM NAME	<u>TN - Cane Creek</u>	SUBDIVISION NAME
RESERVOIR NAME	<u>WB</u>	LOT NUMBER
MILE MARKER	<u>547.5</u>	MAP NO. <u>20D</u>
(APPLICANT'S NAME) <u>Blue Springs Marina</u>		

Proposed Additions for Blue Springs Inc. Harbor and Docks

1) The addition to the harbor of 209 ft. in a southerly direction adjacent to the TWRA property and access area. This addition to extend without any impact to the access ramp.

2) The addition of a courtesy dock along northside of the access ramp. This dock is proposed to be approximately 20 ft x 4 ft fixed dock and an 18 ft x 4 ft ramp resting on a floating dock approximately 20 ft x 6 ft and a 90 Degree turn in a northerly direction approximately 20 ft x 3 ft. (The entire dock should extend from the shoreline approximately 50 ft and "L" 20 ft to the rightside.)

3) The addition of the 'A' dock of 155' in a southerly direction. This dock would be 9 ft in width and add 8 boat slips 20 ft wide x 24 ft long slips to this dock.

Master: 6 exist, 8 proposed

4) The addition to 'C' dock of 22 - 30 ft long x 15 ft wide boat slips each with a 3 ft walk between each slip. The total length of the addition would be 209' long.

Master: 30 exist (inclu. 6 Donna permitted, but has not been built), 16 proposed

5) The addition to 'E' dock of 22 - 30 ft long x 16 ft wide boat slips with a 3 ft walk between each slip. The total length of the addition would be 209' long.

Master: 26 exist, 22 proposed

6) The addition to 'G' dock of 11 - 34 ft long x 16 ft wide slips on one side and 11 - 40 ft long x 16 ft wide slips to the other side. The total addition would measure 209 ft long.

Master: 26 exist, 22 proposed

7) The addition to the 'I' dock of 21 - 40 ft long x 16 ft wide slips and a dead slip where the silo is located. Also the addition of 30 ft to 6 slips to 70 ft length. All these additions will remain in line with our new harbor request.

Master: 24 exist, 22 proposed

8) The addition of 14 double wide slips to the end of the 'B' dock, each slip measuring 24 ft in length and 20 ft in width. The total length of the addition is 161 ft.

Master: 6 existing, 14 proposed

9) The installation of a seawall to attach to our existing seawall and continuing in a southerly direction stopping before the access ramp.

10) ALL DOCKS TO BE COVERED.

7.

✓

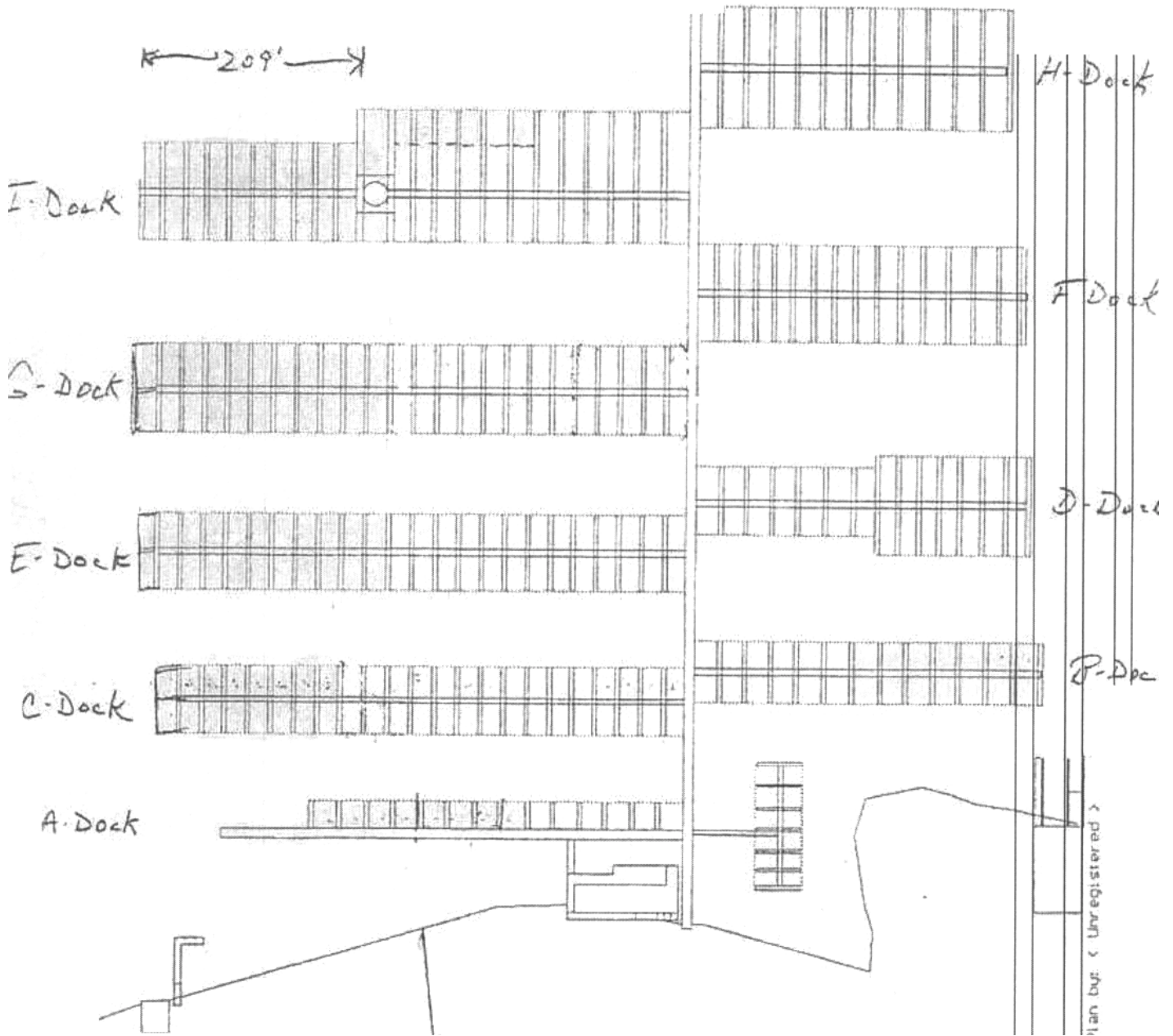


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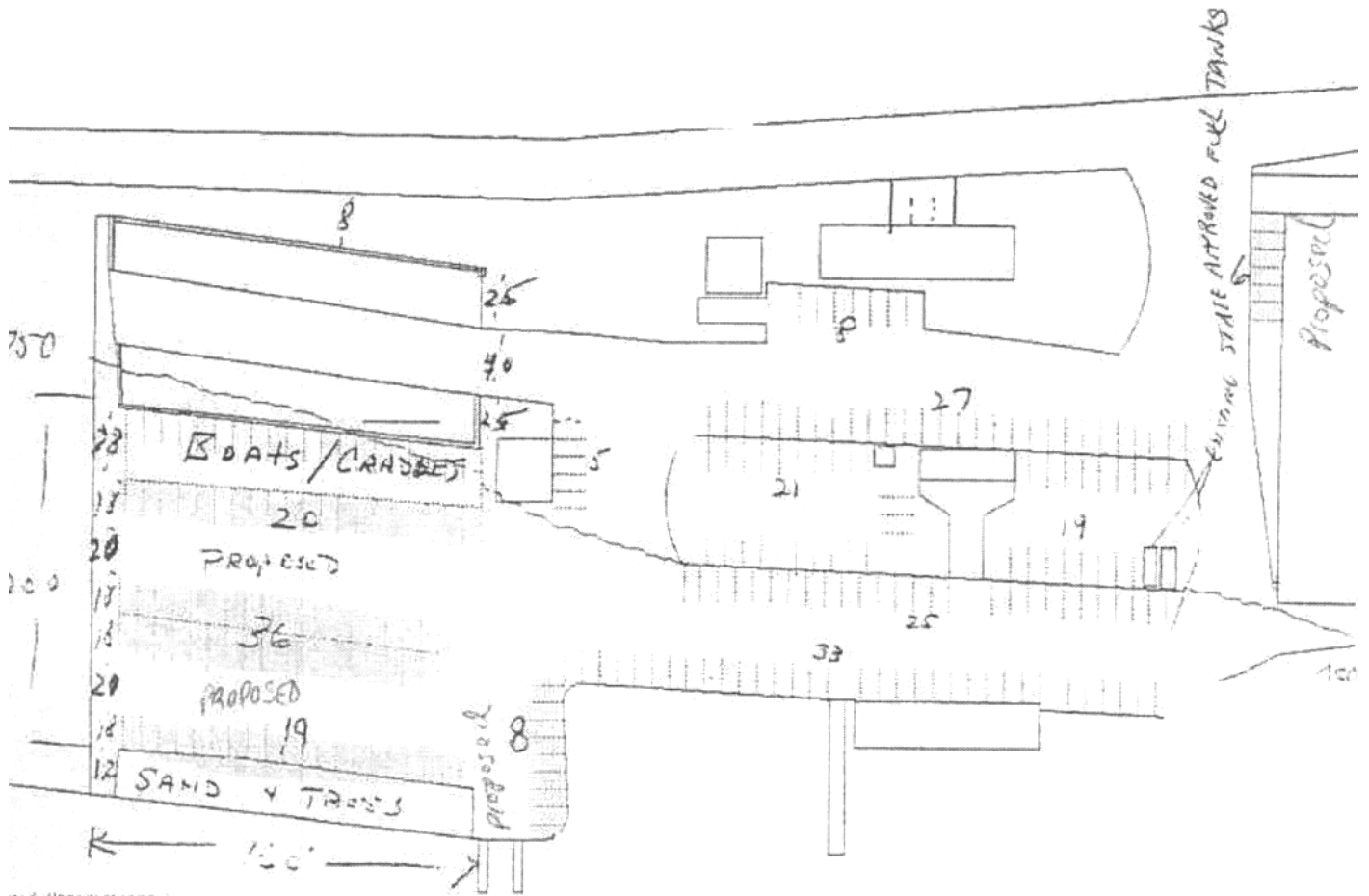
200 X

COURTESY D K AND I square

Proposed High Riser



Oliver Springs Parking



PARKING SPACES
 138 existing
 89 Proposed highlighted